

ABSTRACT OF THE DISCLOSURE

The invention relates to a method of automatically
calibrating a loop-filter of a phase locked loop, which
5 loop-filter comprises at least one RC-filter component
and is integrated on a single chip together with at least
one RC-filter component of another entity than the phase
locked loop. In order to simplify a calibration of the
loop-filter, the method comprises tuning the at least one
10 RC-filter component of the loop-filter based on
measurements performed on the at least one RC-filter
component of the other entity. The invention relates
equally to an integrated circuit chip comprising means
for realizing this method and to a unit including such a
15 chip.